

**BRUHAT BANGALORE MAHANAGARA PALIKE****MEASUREMENT SHEET****FIRST AND FINAL BILL**

Name of work: Improvements to Roads and Drains at Narasipura Layout in Ward No. 14 (Vidyaranyapura).

Estimated Cost : Rs. 40.00 Lakhs

Job Code: 014-23-000007

Head of Account : P3726 Zonal Public Works

Name of Agency: Sri Umesha H C, No. 42/E Ms. Green City Layout, Andarahalli, Bangalore - 560091.

Work Order: BBMP/EE/BTP/WO/147/2022-23 Dated: 04-03-2023.

Date of Recording:		06-10-2023							
SI No	Description of work	Measurement				Qty.	Unit	Rate	Amount
		No.	L	B	D				
1	Earth work Excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.								
	Qty as per Premeasurement Recorded vide E-Bill Page No. 01 to 02 is =					521.04	Cum	161.63	84216.00
2	Providing and laying in position Plain Cement Concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.								
	Qty as per Premeasurement Recorded vide E-Bill Page No. 03 is =					65.13	Cum	4826.43	314345.00
3	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)								
	Qty as per Premeasurement Recorded vide E-Bill Page No. 04 to 05 is =					150.30	Cum	5445.50	818459.00
4	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.								
	Qty as per Premeasurement Recorded vide E-Bill Page No. 06 is =					9.02	Tonne	80095.73	722463.00

SI No	Description of work	Measurement				Qty.	Unit	Rate	Amount
		No.	L	B	D				
5	Providing and Fixing pre cast Covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete.								
	Covering Slab								
	Narasipura Phase 1	1	18.20	0.90		16.38			
		1	15.00	1.20		18.00			
		1	15.00	1.20		18.00			
		1	15.00	1.20		18.00			
		1	15.00	1.20		18.00			
		1	15.00	1.20		18.00			
		1	15.00	1.20		18.00			
		1	15.00	1.20		18.00			
		1	10.00	1.20		12.00			
		1	15.00	1.20		18.00			
		1	15.00	1.20		18.00			
		1	15.00	1.20		18.00			
		1	15.00	1.20		18.00			
		1	15.00	1.20		18.00			
		1	14.00	1.20		16.80			
	Narasipura Phase 2	1	9.40	1.20		11.28			
		1	15.00	0.90		13.50			
		1	2.50	1.20		3.00			
	Narasipura, Dura Temple Road								
	N/S	1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	7.00	0.90		6.30			
		1	15.00	0.90		13.50			
		1	13.00	0.90		11.70			
		Total Qty =				401.46			
		Qty Limited to App Qty =				400.80	Sqm	1636.88	656062.00

Assistant Engineer

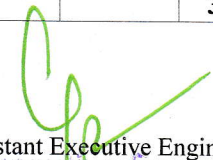
Ward No. 14, Vidyaranyapura

Assistant Executive Engineer
Vidyaranyapura Sub-Division
B.B.M.P, Bangalore - 97

Sl No	Description of work	Mesurement				Qty.	Unit	Rate	Amount
		No.	L	B	D				
	Date of Recording:	06-10-2023							
6	Loading and Unloading of Stone Boulder / Stone aggregates / Sand / Kankar / Moorum. (Tipper 14 m3)								
	Qty Vide Item No- (1) Consider 83%					453.30			
	Total					453.30	Cum	64.31	29152.00
7	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km								
	Qty frm Item No-06		453.30	1.28		580.23			
	Total					580.23	T.Km	91.25	52946.00
	Sub Total								2677643.00
	GST @ 18%								481976.00
	Grand Total								3159619.00



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